

Translation

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY  
(Chapter II of the Patent Cooperation Treaty)

06 DEC 2004

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference FPEL03150022	FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No. PCT/CN03/00441	International filing date (day/month/year) 05.JUN 2003 (05.06.03)	Priority date (day/month/year) 05.JUN 2002 (05.06.2002)
International Patent Classification (IPC) or national classification and IPC G06F 3/023		
Applicant SU, Rongbin		
<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>3</u> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input type="checkbox"/> (sent to the applicant and to the International Bureau) a total of _____ sheets, as follows:</p> <p><input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p> <p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p>		
Date of submission of the demand 24.Dec 2003 (24.12.03)	Date of completion of this report 31.Aug 2004 (31.08.04)	
Name and mailing address of the IPEA/ 6 Xitucheng Rd., Jimen Bridge, Haidian District, 100088 Beijing, China	Authorized officer 	
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Form PCT/IPEA/409 (cover sheet) (January 2004)

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# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.  
PCT/CN03/00441

## Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

- ☐ This report is based on translations from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
  - ☐ publication of the international application (under Rule 12.4)
  - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

- ☒ the international application as originally filed/furnished

- ☐ the description:

pages \_\_\_\_\_ as originally filed/furnished  
 pages \_\_\_\_\_ received by this Authority on \_\_\_\_\_  
 pages \_\_\_\_\_ received by this Authority on \_\_\_\_\_

- ☐ the claims:

pages \_\_\_\_\_ as originally filed/furnished  
 pages \_\_\_\_\_ as amended (together with any statement) under Article 19  
 pages \_\_\_\_\_ received by this Authority on \_\_\_\_\_  
 pages \_\_\_\_\_ received by this Authority on \_\_\_\_\_

- ☐ the drawings:

pages \_\_\_\_\_ as originally filed/furnished  
 pages \_\_\_\_\_ received by this Authority on \_\_\_\_\_  
 pages \_\_\_\_\_ received by this Authority on \_\_\_\_\_

- ☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (specify): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (specify): \_\_\_\_\_

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (specify): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (specify): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.  
PCT/CN03/00441

**Box No. V** Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

## 1. Statement:

Novelty (N)	Claims 1-76	YES
	Claims	NO
Inventive step (IS)	Claims 1-76	YES
	Claims	NO
Industrial applicability (IA)	Claims 1-76	YES
	Claims	NO

## 2. Citations and explanations (Rule 70.7)

(1) Documents incorporated by reference are the following:

D1:CN 1335551 A

D2:CN 1211002 A

D3:CN 1378124 A

(2) The present invention relates to an input method for optimizing digitize operation code for the world characters information and information processing system thereof, according to pronunciation and graphemic information of the world characters, the digitize operation code processing for the world characters information of each country are performed by using ten numerals 0-9, and adopting the code method of addition/subtraction and partitioned operation based bit, these numeric coding are used as the numeral index of document retrieval and the computer's input code for the world characters of each country.

(3) D1 relates to a text input method. Information processing, and features that digital code input through digital keys and connection code input through functional keys are combined into character code to input text by means of characters (the characters of many country, such as chinese, japanese, korean languages) or symbols in database.

D2 relates to a huaxia international general language alphabetic writing and its keyboard.

D3 relates to a fifty-key computer digital keyboard and its multiple country character input method. One fifty-key computer digital keyboard with orientation function and inputting method is provided, and especially for input of japanese and korean languages.

(4) Claim 1-76 meet the criteria set out in PCT Article 33(2)-(4). Because the above-mentioned documents didn't disclose the major technical contents.

06 DEC 2004

## 专利合作条约

## PCT

专利性国际初步报告

(PCT 第II章)

(PCT 36 和细则 70)

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22 SEP 2004

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PCT

申请人或代理人的档案号 FPEL03150022	关于后续行为 参见 PCT/IPEA/416 表	
国际申请号 PCT/CN03/00441	国际申请日(日/月/年) 05.6 月 2003 (05.06.03)	优先权日(日/月/年) 05.6 月 2002 (05.06.2002)
国际专利分类(IPC)或者国家分类和 IPC 两种分类 G06F 3/023		
申请人 苏荣斌		

1. 本报告是国际初步审查单位根据条约 35 做出的国际初步审查报告, 并依照条约 36 将其传递给申请人。
2. 本报告共计 3 页, 包括扉页。
3. ☐ 本报告还有附件,
- a. ☐ (传送给国际局和申请人) 共计        页, 包含
- ☐ 修改后的并且作为本报告基础的说明书修改页、权利要求书修改页和/或附图修改页, 和/或对  
本国际初步审查单位所做出的更正页(见 PCT 细则 70.16 和行政规程 607)。
- ☐ 国际初步审查单位认为修改超出原始公开范围的废除页, 参见第 1 栏第 4 项和补充栏。
- b. ☐ (传送给国际局) 共计 (指明电子载体的类型和数量)       , 包含有在与序列表有关的补充栏中  
指明的计算机可读形式的序列表和/或与其相关的表格。(行政规程 802)

3. 本报告包括关于下列各项的内容:

- I ☒ 报告的基础
- II ☐ 优先权
- III ☐ 不做出关于新颖性、创造性和工业实用性的意见
- IV ☐ 缺乏发明的单一性
- V ☒ 按条约 35(2)关于新颖性、创造性或工业实用性的推断性意见; 支持这种意见的引证和解释
- VI ☐ 引用的某些文件
- VII ☐ 国际申请中的某些缺陷
- VIII ☐ 对国际申请的某些意见

提交要求书的日期 24.12 月 2003 (24.12.03)	完成本报告的日期 31.8 月 2004 (31.08.04)
中华人民共和国国际知识产权局 IPEA/CN 中国北京市海淀区西土城路 6 号(100088) 传真号: (86-10) 62019451	授权官员  电话号码 (86-10) 62084952

PCT/IPBA/409 表(扉页)(2004 年 1 月)

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专利性国际初步报告

国际申请号

PCT/CN03/00441

I. 报告的基础

1. 关于所使用的语言，除本项下另有说明外，本书面意见基于的语言为提交本国际申请时所使用的语言。

☐ 本书面意见基于原始语言的使用后述语言之译文 \_\_\_\_\_。

这种语言是

☐ 为了国际检索而提交的译文所使用的语言（细则 12.3 和 23.1 (b)）。

☐ 为了国际申请的公布而提交的译文所使用的语言（细则 12.4）。

☐ 为了国际初步审查而提交的译文所使用的语言（细则 55.2 和/或 55.3）。

2. 关于国际申请中各个部分，本报告基于（申请人为答复受理局根据条约 14 所发通知而提交的替换页，在本报告中视为“原始提交”的文件，不作为本报告的附件）

☒ 原始提交的国际申请。

☐ 说明书，第 \_\_\_\_\_ 页 原始提交的，

第 \_\_\_\_\_ 页 初审单位收到的，

第 \_\_\_\_\_ 页 初审单位收到的。

☐ 权利要求，第 \_\_\_\_\_ 页，原始提交的，

第 \_\_\_\_\_ 页，按条约 19 条修改的(附有说明)，

第 \_\_\_\_\_ 页 初审单位收到的，

第 \_\_\_\_\_ 页 初审单位收到的。

☐ 附图，第 \_\_\_\_\_ 页，原始提交的。

第 \_\_\_\_\_ 页\*， 初审单位收到的，

第 \_\_\_\_\_ 页\*， 初审单位收到的。

☐ 序列表和/或相关表格——参见与序列表有关的补充栏。

3. 修改导致以下内容的删除：

☐ 说明书，第 \_\_\_\_\_ 页

☐ 权利要求，第 \_\_\_\_\_ 项

☐ 附图，第 \_\_\_\_\_ 页，图 \_\_\_\_\_

☐ 序列表（具体说明） \_\_\_\_\_

☐ 与序列表相关的表格（具体说明） \_\_\_\_\_

4. ☐ 由于本报告附件的(某些)修改，如下所列，被认为超出了原始公开的范围，如补充栏所示，因此本报告是按照没有修改的情况做出的(细则 70.2(c))。

☐ 说明书，第 \_\_\_\_\_ 页

☐ 权利要求，第 \_\_\_\_\_ 项

☐ 附图，第 \_\_\_\_\_ 页，图 \_\_\_\_\_

☐ 序列表（具体说明） \_\_\_\_\_

☐ 与序列表相关的表格（具体说明） \_\_\_\_\_

\*如果第 4 项适用，一些或全部的文件页可能做出“废除”标记。

V. 按条约 35 (2) 关于新颖性、创造性或工业实用性的推断性意见；支持这种意见的引证和解释

1. 意见

新颖性(N)	权利要求	1-76	是
	权利要求		否
创造性(IS)	权利要求	1-76	是
	权利要求		否
工业实用性(LA)	权利要求	1-76	是
	权利要求		否

2. 引证和解释 (细则 70.7)

(1) 引入于此以供参考的文献如下：

D1:CN 1335551 A

D2:CN 1211002 A

D3:CN 1378124 A

(2) 本发明涉及一种优化世界文字信息数字化运算编码输入方法及其信息处理系统，其根据世界文件的读音和字形信息，统一使用 0—9 十个数字，采用加减法、分区按位运算的编码方法，对世界各国文字进行数字化运算编码处理，将这些数字编码作为世界各国文字文献检索索引数码及计算机世界各国文字输入码。

(3) D1 公开了一种文字输入法，其主要是利用数字键输入数字码、功能键输入连接码，经由不同的数字码及连接码组合成字码，以自资料库中取对应的文字（多种国家的文字，例如中文、日文、英文、韩文等）或符号，达到文字输入的目的。

D2 公开了一种华夏国际通用语拼音文字及其键盘。

D3 公开了一种 50 键电脑数码键盘及其多国文字输入法，其提供了具有位置指向功能的 50 键电脑数码键盘，及多国文字输入方法，特别是日本和韩国文字数码输入法。

(4) 权利要求 1—14 符合 PCT 法第 33 条 (2) — (4) 款的规定。因为上述对比文件均未公开本发明所述的主要技术方案。